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McCullough: Pandemic Won't End Until Mass Vaccination Stops

Research published in ACS Infectious Diseases shows mass vaccination against COVID-19 is backfiring as SARS-CoV-2 readily mutates and thrives in the vaccinated.

By Peter A. McCullough, M.D., MPH

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A principle of infectious diseases is "antimicrobial stewardship" which involves choosing the right antibiotic for the right patient and never over-prescribing or blanket-covering patients who don't need treatment.

Another principle is "narrowing the spectrum" of a drug once the organism is identified by culture or other methods.

These fundamental approaches to the use of antibiotics work to limit the problem of bacterial resistance and the development of "superbugs."

Every year hospitals each produce their antibiogram or report of their common infections encountered and what antibiotics either are effective (organism is sensitive) or ineffective (organism is resistant).

In the SARS-CoV-2 pandemic, these principles have been applied to the use of monoclonal antibodies and the process explains why various EUA products (e.g., bamlanivimab) were pulled from the market when they were understood to be no longer effective at neutralizing SARS-CoV-2.

This entire thought process has been thrown out the window for COVID-19 vaccines. For 18 months the ancestral strain Wuhan Institute of Virology spike protein was the featured antigen for Pfizer, Moderna, Janssen, AstraZeneca and Novavax vaccines.

Within a few months, there was mounting evidence that SARS-CoV-2 easily mutated to escape the reach of antibodies generated by the vaccines which would apply to serious invasive illness (IgG and IgM).

Because the COVID-19 vaccines have never been demonstrated to neutralize SARS-CoV-2 in the nasopharynx, the only theoretical benefit would be for systemic disease.

It has now become apparent that nature has the upper hand over the vaccine

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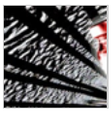
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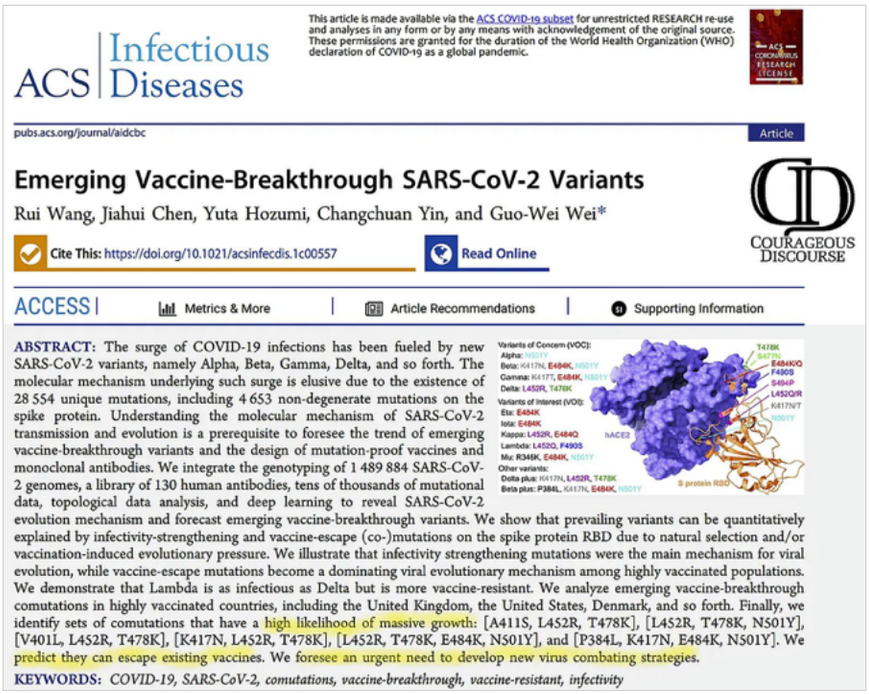
manufacturers as SARS-CoV-2 has far greater alacrity.

Because replication can allow changes in genetic code that rapidly allow continued survival, SARS-CoV-2 enjoys a library of ~28k mutations of which ~4.5K are in the receptor binding domain of the spike protein or the tip of the spear.



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ACS Infectious Diseases

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Article

Emerging Vaccine-Breakthrough SARS-CoV-2 Variants

Rui Wang, Jiahui Chen, Yuta Hozumi, Changchuan Yin, and Guo-Wei Wei*

Cite This: https://doi.org/10.1021/acsinfecdis.1c00557

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ABSTRACT: The surge of COVID-19 infections has been fueled by new SARS-CoV-2 variants, namely Alpha, Beta, Gamma, Delta, and so forth. The molecular mechanism underlying such surge is elusive due to the existence of 28 554 unique mutations, including 4 653 non-degenerate mutations on the spike protein. Understanding the molecular mechanism of SARS-CoV-2 transmission and evolution is a prerequisite to foresee the trend of emerging vaccine-breakthrough variants and the design of mutation-proof vaccines and monoclonal antibodies. We integrate the genotyping of 1 489 884 SARS-CoV-2 genomes, a library of 130 human antibodies, tens of thousands of mutational data, topological data analysis, and deep learning to reveal SARS-CoV-2 evolution mechanism and forecast emerging vaccine-breakthrough variants. We show that prevailing variants can be quantitatively explained by infectivity-strengthening and vaccine-escape (co-)mutations on the spike protein RBD due to natural selection and/or vaccination-induced evolutionary pressure. We illustrate that infectivity strengthening mutations were the main mechanism for viral evolution, while vaccine-escape mutations become a dominating viral evolutionary mechanism among highly vaccinated populations. We demonstrate that Lambda is as infectious as Delta but is more vaccine-resistant. We analyze emerging vaccine-breakthrough comutations in highly vaccinated countries, including the United Kingdom, the United States, Denmark, and so forth. Finally, we identify sets of comutations that have a high likelihood of massive growth: [A411S, L452R, T478K], [L452R, T478K, N501Y], [V401L, L452R, T478K], [K417N, L452R, T478K], [L452R, T478K, E484K, N501Y], and [P384L, K417N, E484K, N501Y]. We predict they can escape existing vaccines. We foresee an urgent need to develop new virus combating strategies.

KEYWORDS: *COVID-19, SARS-CoV-2, comutations, vaccine-breakthrough, vaccine-resistant, infectivity*

Rui Wang and colleagues, using detailed modeling techniques of the mutations prevalent in the more intensely vaccinated countries, have shown indeed mass vaccination is backfiring and fueling more viral resistance to the limited antibody library that could be generated by the vaccines.

Wang's analysis suggests that future vaccine development against SARS-CoV-2 is hopeless. The virus is simply too nimble and can manipulate the "binding free energy" between the RBD and its human target the ACE2 receptor.

This means the more vaccinations are delivered the greater the number of mutant stains and the longer the virus will propagate and extend the pandemic.

Thus, a key step in ending the pandemic will be termination of mass vaccination. The virus doesn't stop until mankind stops.

Originally published on Dr. Peter McCullough and John Leake's Courageous Discourse Substack page.

The views and opinions expressed in this article are those of the authors and do not necessarily reflect the views of Children's Health Defense.

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Dr. McCullough is board certified in internal medicine, cardiovascular diseases, and clinical lipidology.

Sign up for free news and updates from Robert F. Kennedy, Jr. and the Children's Health Defense. CHD is planning many strategies, including legal, in an effort to defend the health of our children and obtain justice for those already injured. Your support is essential to CHD's successful mission.

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GarySummers • 20 hours ago

1.) "Dr. Chris Shoemaker Warns: 'Ivermectin' Must Be Made Readily Available This Winter To Save Lives"!
https://rairfoundation.com/...

2.) ***FLASH*** ***FLASH*** ''How many American Lives Could have been Saved?'' Pure Evil!
''BOMBSHELL: 'Veritas Documents Reveal [DC Bureaucrats Had Evidence Ivermectin and Hydroxychloroquine Were Effective inTreating COVID'' — BUT HID THIS FROM PUBLIC'']

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"Documents stored on a '''TOP SECRET''' folder on the computers of the Defense Advanced Research Project Agency (DARPA) prove that the medicines[''Ivermectin, Hydroxychloroquine and Interferon were PROVEN “Curative” of COVID-19 in April, 2020''] – 'the cures were buried' as “Top Secret.”
and concluded:
"The revelation of these documents, sneakily stored in a ''TOP SECRET'' folder on government computers prove that ''the federal government of the United States KNEW in April, 2020, the entire “COVID-19 Pandemic” was completely curable'' through the use of these common medications..."
'The proof is in provided in the January 10, 2022, Project Veritas video at'
https://www.projectveritas....

''Ivermectin (identified as curative in April 2020) 'works throughout all phases of' illness because it both inhibits viral replication' and modulates the immune response'. Of note, chloroquine phosphate (Hydroxychloriquine, identified April 2020 as curative) is identified in the proposal as a SARSr-CoV inhibitor, as is interferon (identified May 2020 as curative).''

9 | Reply • Share ›

Voyt Regnal ➚ GarySummers • 18 hours ago

It seems that more people 'die suddenly' for 'unknown reasons' than from just covid.

5 | Reply • Share ›

BChristine ➚ Voyt Regnal • 15 hours ago • edited

YES. I have noticed this significantly lately; especially with younger people (under 50) ... every time I see "still investigating" or an unknown cause, I immediately presume they have taken the 'vaccine'. I feel it will ramp up over the coming months and years ... so sad.

5 | Reply • Share ›

BH387 ➚ GarySummers • 5 hours ago

Not to mention the even more effective drug-free Brownstein nutritional and oxidative early treatment protocol, which has been almost completely buried, and upon which I based my home treatment protocol that got me over it easily.. **Zero** long COVID cases among his 107 patients, several of whom had been hospitalized, as of the time of publication. https://www.publichealthpol...
A friend of mine also had a serious case, and got *very rapid* improvement from IV vitamin C. No drugs are needed in a vast, vast majority of cases.

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Fain Zimmerman • 17 hours ago

More people are saying NO! to the vax - and as more say no, it will lose steam completely. But we must say NO!!

6 | Reply • Share ›

landy fincannon • 20 hours ago

Which makes sense to me. No, I didn’t have any medical training, but I don’t see how the unvaccinated could offer any resistance to the virus.
The vaccinated, on the other hand would offer resistance and cause the virus to mutate.

Yes, that’s only an opinion, but free speech supports opinions.

6 | Reply • Share ›

Caroline Cary Davidson ➚ landy fincannon • 17 hours ago

common sense is often times, the best sense. the willful ignorance of those we

KNOW should know better is nothing short of criminal

2 ^ | v · Reply · Share ›

Jerry Alatalo · 12 hours ago

"Pandemic Won't End Until Mass Vaccination Stops"

We would respectively submit an alternative, perhaps more powerful, - even necessary for communicating the unprecedented gravity of the ongoing global situation, to acknowledge at this late (3 long years on) date - article title:

"Unnecessary **Mass Deaths** and **Severe Injury** Won't End Until Mass Vaccination Stops"

At this later stage of a continuing crimes against humanity operation, it seems reasonable to suggest people must take their gloves off and fight for humanity and future generations, to end this seemingly unstoppable, deadly criminal nightmare.

2 ^ | v · Reply · Share ›

Graham · 13 hours ago

One question I'd like to put to Dr McCullough is; 'Can you provide proof that SARS Cov-2 exists, and if so, can you please provide documentary evidence that it has been isolated anywhere on earth, preferably from multiple sources?

All freedom of Information Requests [FOIA] to every country they've been put to, to prove SARS Cov-2 exists; have returned negative results. Zero positive responses. Mike Adams tried to purchase lab samples of SARS Cov-2 for his lab, reference samples for comparison, but couldn't find a source anywhere on earth that could provide SARS Cov-2 lab reference samples. You'd think every nation on earth that is testing people for SARS Cov-2 would have reference samples for comparison to prove or disprove infection, would you not? Especially for a disease purportedly so dangerous and lethal.

The SARS Cov-2 RT-PCR test was calibrated against a concoction of flu, common cold, human cells (!), coronavirus and adenovirus and other fragments, by Christian Drosden Ph.D. That is fraud on a scale previously unheard of resulting in millions dead, decapacitated, injured, and disabled, businesses destroyed, economies bankrupted, creation of vaxxine dictatorships, psychological damage, mass formation; a bottomless pit of consequences while the perpetrators (like Drosten, Schwab, Gates, Fauci, Collins, Boulia, Walenski, Clinton, Biden et al) made themselves obscenely rich. Could it be that in reality we're looking at world-wide envenomation disguised as a 'virus?' Can that be denied? Like there's no absolute, definitive proof that SARS Cov-2 actually exists, if it did we'd have Koch's or River's postulates proven in labs world-wide, nation by nation as confirmation. Where is that confirmation? It doesn't exist. – G

1 ^ | v · Reply · Share ›

Voyt Regnal · 19 hours ago

None of the official medical politruks have paid any attention to this paper, that is dated October 2021..more than one year old !
Dr. Geert Vander Bossche was saying the same even much earlier, that vaccination during pandemic is a pure madnrss. Yet we are still being pushed , here or there, to get dreadful jabs.

1 ^ | v · Reply · Share ›

Bill Rood ↗ Voyt Regnal · 17 hours ago

Let's hope the worst of Geert's predictions (a strain with greater virulence as well as contagion) does not come to pass.

2 ^ | v · Reply · Share ›

BH387 · 5 hours ago

If we had proper health care, Dr. McCullough would be surgeon general, and Fauci in prison.

^ | v · Reply · Share ›

jprexena · 17 hours ago

It's the pandemic of the vaccinated. Without the consent of the governed, these evil doers lose their power and control. Mass noncompliance is only part one of the answer, along with getting out of the conformist mindset.
FRAUD: Stew Peters used footage from 2019 heart surgery in "Died Suddenly" documentary, cut Dr. Jane Ruby from film https://www.naturalnews.com...
This is at the 52 min. mark. https://stopworldcontrol.co...
The Covid Blog is certainly more credible than controlled opposition Stew Peters. Notice how the Covid Blog are censored by Twitter, while other channels are promoted? Question everything!

https://stopworldcontrol.co...
Yes, this Documentary was rushed with several errors to create sensationalism and made it easier for those pro-vaxx to discredit this documentary. Vaxxed and Vaxxed II documentaries were better and made people think and question everything.
Months ago, Peters did the "Watch the Water" linked to Snake Venom Theory in the water supply documentary of why people tested positive for Covid, that led people to believe in the narrative and the testing. Only to find out it was based on theory and what scientists are using snake venom for other drugs and shots, but the water supply was in certain areas

see more

^ | v · Reply · Share ›

sudepmom ➚ jprexena · 11 hours ago

Stew Peters may be a schill too, i think Desmet, Malone, vanden Bosche all are , among others. C.O. most likely.

ALL " covid measures" around the world , have been nothing but anti-health. ALL based on
lies and pure tyranny.

the C-shots are obviously working- to continue this destruction of lives.

1 ^ | v · Reply · Share ›

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